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March 11, 2005

MAIL STOP PCT

Commissioner for Patents
P.O. BOX 1450
Alexandria, VA 22313-1450

PCT/JP2004/004163
-filed March 25, 2004

Re: Application of Go HANZAWA, Masahiko NISHI, Masaki IWAYA and
Takaaki CHOSOKABE
TEMPERATURE SENSOR
Assignee: NGK SPARK PLUG CO., LTD.
Our Ref: Q86712

Dear Sir:

The following documents and fees are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ four (4) sheets of drawings (figs. 1-4).
- ☒ Notification Concerning Submission or Transmittal of Priority Document.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement, an International Search Report, a PTO/SB/08 A & B (modified) listing the ISR references and a copy of each reference cited in the ISR.
- ☒ a Preliminary Amendment.
- ☒ **it is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f)**

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.



SUGHRUE MION, PLLC

National Stage Entry of PCT/JP2004/004163

Attorney Docket No. Q86712

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The Government filing fee after consideration of the Preliminary Amendment is calculated as follows:

Total claims	<u>11</u>	-	<u>20</u>	=	<u> </u>	x	\$50.00	=	<u>\$0.00</u>
Independent claims	<u>1</u>	-	<u>3</u>	=	<u> </u>	x	\$200.00	=	<u>\$0.00</u>
Base Fee									<u>\$300.00</u>
Search Fee*									<u>\$400.00</u>
Examination Fee*									<u>\$200.00</u>
TOTAL FILING FEE									<u>\$900.00</u>
Recordation of Assignment									<u>\$ 40.00</u>
<u>TOTAL FEE</u>									<u>\$940.00</u>

* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$900.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-89560	March 28, 2003
Japan	2004-79630	March 19, 2004

Respectfully submitted,

Abraham J. Rosner
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WASHINGTON OFFICE

23373

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Date: March 11, 2005